

## SEQUENCE LISTING

<110> Riccardo Perfetti  
Antonino Passaniti  
Nigel Greig  
Harold Holloway

<120> INSULIN PRODUCING CELLS DIFFERENTIATED  
FROM NON-INSULIN PRODUCING CELLS BY GLP-1 OR EXENDIN-4 AND  
USES THEREOF

<130> 14014.0346P

<150> 60/095,917

<151> 1998-08-10

<160> 25

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 30

<212> PRT

<213> Human

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Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg		
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His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
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Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Gly	
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<213> Human

<400> 3

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
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Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly			
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<213> Human

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His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys				
			20					25							

&lt;210&gt; 5

&lt;211&gt; 27

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 5

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val					
			20					25							

&lt;210&gt; 6

&lt;211&gt; 26

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 6

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu						
			20					25							

&lt;210&gt; 7

&lt;211&gt; 25

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 7

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp							
			20					25							

&lt;210&gt; 8

&lt;211&gt; 24

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;400&gt; 8

His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	
Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala								
			20												

&lt;210&gt; 9

&lt;211&gt; 39

&lt;212&gt; PRT

&lt;213&gt; Gila monster

&lt;400&gt; 9

His	Gly	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Leu	Ser	Lys	Gln	Met	Glu	Glu
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Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser  
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 Ser Gly Ala Pro Pro Pro Ser  
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                   20                  25                  30  
 Ser Gly Ala Pro Pro Pro  
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 <213> Gila monster

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 Ser Gly Ala  
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<211> 34  
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<400> 18  
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<210> 19  
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<212> DNA  
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acaggtctct tctgcaacc 19

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